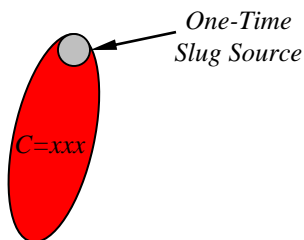
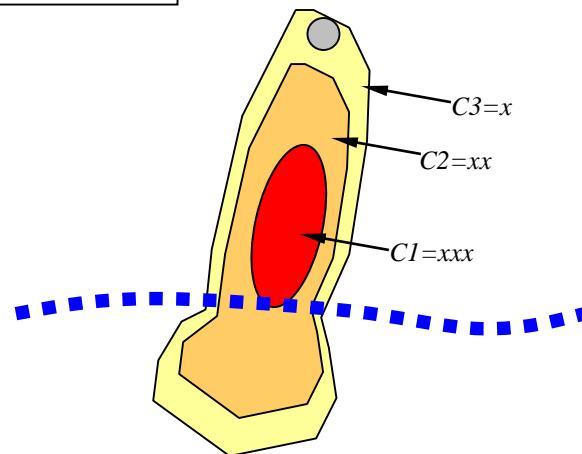


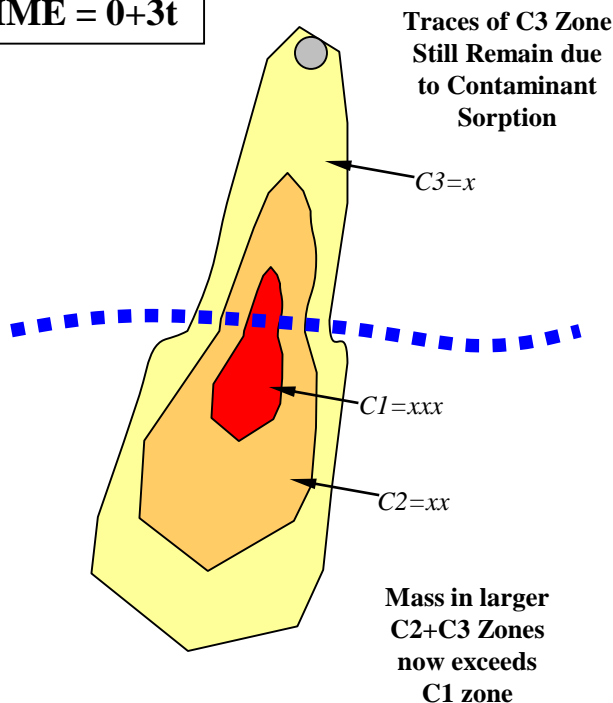
**TIME = 0+t**



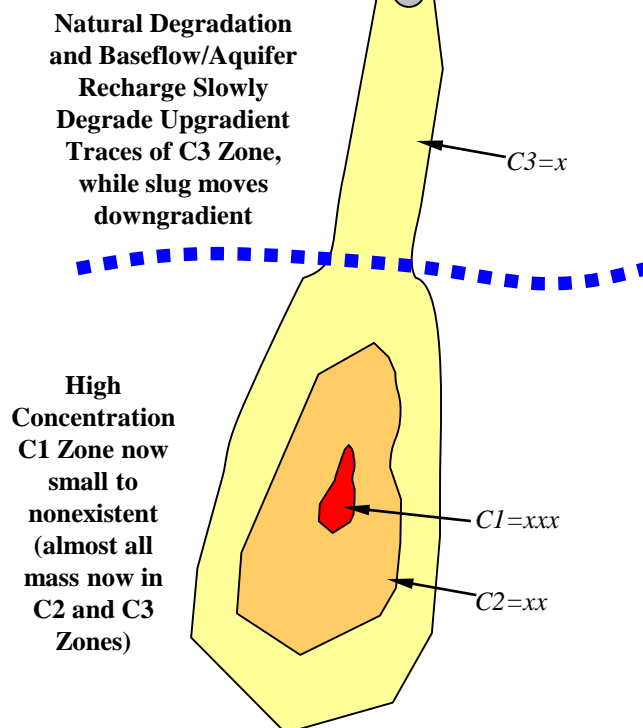
**TIME = 0+2t**



**TIME = 0+3t**



**TIME = 0+4t**



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April 2011

Note: Plume development will vary depending on hydrogeologic conditions, source definition, and biogeochemical properties of aquifer.

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**EXAMPLE PLUME DEVELOPMENT OF  
ONE-TIME SLUG OF GROUND WATER  
CONTAMINATION WITH  
DOWNGRADIENT RECHARGE FEATURE**